

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 16, 2003, 22:05:25 : Search time 51.2985 Seconds
(without alignments)
13999.354 Million cell updates/sec

Title: US-09-497-967-44
Perfect score: 1410
Sequence: 1 atgaaaaataattattagt.....cttattattattattatgatga 1410

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues

Total number of hits satisfying chosen parameters: 848478

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_applications_NA.*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
- 10: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq.*
- 12: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq.*
- 13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	60	4.3	1973	10	US-09-864-761-3471	Sequence 3471, A
C 3	52.2	3.7	510	10	US-09-864-761-18737	Sequence 18737, A
4	46.6	3.3	684973	10	US-09-263-959-1	Sequence 1, Appli
5	45.8	3.2	1075	10	US-09-864-761-19241	Sequence 19241, A
6	45.8	3.2	1403	10	US-09-864-761-2513	Sequence 2513, A
C 7	43.4	3.1	2120	10	US-09-798-042-95	Sequence 95, Appl
8	43.4	3.1	2129	10	US-09-159-469-39	Sequence 39, Appl
9	43.4	3.1	2139	10	US-09-798-042-39	Sequence 39, Appl
C 10	42.8	3.0	439	10	US-09-864-761-20174	Sequence 20174, A
C 11	42.6	3.0	1390	10	US-09-970-477-1	Sequence 1, Appli
C 12	42.6	3.0	25002	9	US-10-024-623-31	Sequence 31, Appl
C 13	42	3.0	574	10	US-09-864-761-228	Sequence 228, App
C 14	41.4	2.9	1891	9	US-09-938-842A-3346	Sequence 3346, Ap
C 15	41	2.9	489	10	US-09-864-761-4976	Sequence 4976, Ap
C 16	40.4	2.9	1476	10	US-09-815-242-8766	Sequence 8766, Ap
17	40.4	2.9	4460	10	US-09-740-274-1	Sequence 1, Appli
18	40	2.8	250	10	US-09-815-242-3253	Sequence 3253, Ap
19	40	2.8	250	10	US-09-815-242-3273	Sequence 3273, Ap

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C 22	40	2.8	1476	10	US-09-815-242-8394
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24	40	2.8	1908	10	US-09-737-178-50
25	40	2.8	2001	10	US-09-737-178-84
26	40	2.8	2034	10	US-09-737-178-143
27	40	2.8	3402	10	US-09-737-178-86
C 28	39.6	2.8	486	10	US-09-864-761-10113
29	39.6	2.8	996	10	US-09-815-242-4857
30	39.6	2.8	996	10	US-09-815-242-8774
31	39.6	2.8	996	10	US-09-815-242-9048
32	39.6	2.8	2606	9	US-10-153-273-7
33	39.6	2.8	5361	9	US-09-742-096-2
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35	39.6	2.8	640681	10	US-09-790-988-1
C 36	39.4	2.8	640681	10	US-09-790-988-1
37	39.2	2.8	442	10	US-09-864-761-2937
38	39.2	2.8	2846	9	US-10-008-016-1
39	39.2	2.8	155074	9	US-10-026-188-6
C 40	39	2.8	2000	9	US-09-938-842A-3136
41	39	2.8	4634	10	US-09-995-587A-10
C 42	38.8	2.8	1817	10	US-09-960-253-40
43	38.6	2.7	3666	10	US-09-137-531-13
44	38.6	2.7	3666	10	US-09-137-531-14
45	38.6	2.7	4197	10	US-09-137-531-7

ALIGNMENTS

RESULT 1

US-09-864-761-20241/c
; Sequence 20241, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
; FILE REFERENCE: Aecmca-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661

QY	640	TGTCGGCGCAATTAAACCTGCTTAATGTGCTTTAAAGCTACTCTTTAGGTAAATGATGCTACAATA	699
Db	13221	TCCCCCTACAAATACTGCTGATGCTAACACTAGTAATACTGCTTCCATAATACCACATATGCCT	13280
QY	700	ACCGCATATGTAAAGTTTGCATGGCCCTGATGGTACTATAAGTCTGCTGGTGAATAAATAAT	759
Db	13281	TCCTCTACAAGTAGTACTACTGTGAGTACTATTGCTACCGCTTCCCACTTTACGTAGTACTCT	13340
QY	760	TGGGTAGCACAAAACACACTGAATGTACTAATTTGTGCTCCTTAACCTTTTACAATAATAATGCT	819
Db	13341	TCCTCGACAAGTACTGCTGATGCCACCAATTAGTACTACTACTATTATGGCACTACTTCT	13400
QY	820	CCTAATTTCAATCCAGGTAATAGTACATGCTACTCTTGGCCAGCAATAAAGATTATGGT	879
Db	13401	TCCTTAACAGGTACTACTGATGTTAGCAGTAGTACTACTATTAAATAATAAGTACTCCT	13460
QY	880	GCTGAAGCCACTGCAGGTGGTGGCGCTACTCTTAGCCAAATAATGTAAATTTGCATGCCCT	939
Db	13461	GTTCAACCAAAATACTACTAAATGCTGACACTAGTACTAATGTGCTAATAATACTGCTACC	13520
QY	940	GATGGTACTGCAATTTGCTAGTGGAGCAACTAATTTATGCTAATATTATAAACACAAGTGCTA	999
Db	13521	TCTCATACAAGTACTGATGATGATCTGTTCCCTAATAATAACTGCTTCCAGCTTACAGCTATTCT	13580
QY	1000	AATTTGCTGCTGA	1012
Db	13581	TCCTTTGCAATA	13593

RESULT 5

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US-09-864-761-19241
; Sequence 19241, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeo mica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30

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[illegible]

Thu Feb 20 11:10:28 2003

QY 884 AAGCACTGCAGGTGGTGGCGCTAC 908
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Db 1210 CAGTACTACAGGTACTTGGCGCTAC 1234

RESULT 9
US-09-798-042-39
; Sequence 39, Application US/09798042
; Patent No. US20020068343A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS
; TITLE OF INVENTION: AND TREATMENT OF EHRlichia INFECTION
; FILE REFERENCE: 210121.439C7
; CURRENT APPLICATION NUMBER: US/09/798.042
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 2129
; TYPE: DNA
; ORGANISM: Ehrlichia sp.
US-09-798-042-39

Query Match 3.1%; Score 43.4; DB 10; Length 2129;
Best Local Similarity 44.3%; Pred. No. 0.58;
Matches 277; Conservative 0; Mismatches 336; Indels 12; Gaps 2;
QY 287 CTGCTGGTACCGAATTGTCAGGTGAGCAACAGATTATGCAATATATACAGAAATGTG 346
| | | | | | | | | | | | | | | |
Db 619 CTCTCTGCTGCATACAGCATCAGCTTCTACAGATACCTTCAGATTCAGATTCAG 678
QY 347 TTAATTGTGAATAATTTTATAATGAAATGCTCCAAATTTTAAATGCAGGTGCTAGTA 406
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Db 679 TACACCAAGAAGCTAGACTCAGGTGTGGTGGTGCAGAAACTTCAGGAGCTGATTCTA 738
QY 407 CATGCACAGCTTCTCCGGTAACAGAGTTGGTGGTGCATGACTGCTGTAATGCCGCTA 466
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Db 739 GTTGTTCGCTCTGGAGCAACTACCACCTCTGTGAAGCTTATTTCTTCTAGTAGTGA 798
QY 467 CCATAGTCGCATATATGTAAGCTGCCTACTGCTACTGCTACTGCTACTGCTACTG 858
| | | | | | | | | | | | | | | |
Db 799 CAATCGCTTCTGAGCTTCAACACAGGTAATTCCTGCTCAGCTACTACAGGTACTTGT 858
QY 527 CTACTGATTATGTTAGATTCATTCACAGATGT---GTTAAATGTAGACTTAACCTTTTACT 583
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Db 859 CTACAGGTGCTCAAGATCTATCAAAAGTATCTTCCCTTTAGAAGAACTTCTGTTCTTCT 918
QY 584 ATAATGTTAATAATGTAATACCTCTTCAATCCAGGTAAAGTTAATGCACACCTTGTCT 643
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Db 919 TTACTTCTACAGGAGCTTACGTTCCCTCTAGTCTCTGCAATTTCTGCTCTGTTGTGAC 978
QY 644 CGGCAATTAACCTGCTAAATGTTGCTTAAAGCTACTTTAGTAGTATGATGATCAATAACCG 703
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Db 979 CAGAGATTACTCTTTTGGGCTACATCAGCATTAGCTTCTACAGATACTTCAGACTTTA 1038
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QY 824 ATTCAATCCAGGTAATAGTACATGCCCTTACCTTCCCGAGCAATAAAGATTATGTTGCTG 883
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Db 1150 TATTCTTCTAGTATGATGATCAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1209
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Db 1210 CAGTACTACAGGTACTTGGCGCTAC 1234

RESULT 10
US-09-864-761-20174/c
; Sequence 20174, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aesmica-x-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 20174
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL035419.9
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.5
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; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
US-09-864-761-20174


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US-09-864-761-228/C
; Sequence 228, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
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; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 228
; LENGTH: 574
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL079301.14
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 7.8
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 5.2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 8.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 8.4
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 5.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.2
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 7.8
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 7
US-09-864-761-228
Query Match 3.0%; Score 42; DB 10; Length 574;
Best Local Similarity 42.7%; Pred.No. 0.72; Indels 0; Gaps 0;
Matches 216; Conservative 0; Mismatches 290;

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Db 597 GTTTTATTTGGGAAATTTGTTTCTACTTTTATATAGTTTATAATAATGCATAT 656
Qy 638 CTTCTCGCGCAATTAACCGCTGAATGTTGCTTAA 672
Db 657 TTTGAAATAGTTACTTTCATTTACAATTTTGTA 691

; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 5.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 5.9
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.4
US-09-864-761-4976

Query Match 2.9%; Score 41; DB 10; Length 489;
Best Local Similarity 50.2%; Pred. No. 1.2;
Matches 101; Conservative 0; Mismatches 100; Indels 0; Gaps 0;

Qy 339 AGAATGTTTAATTGTAGAAATTTTATATAGTAAATGCTCCAAATTTTAAATGCAGG 398
Db 379 ATATGGTGATAATGGTGATGGAATGATGGCGATGATAATGTAATCATGGTGATGCG 320
Qy 399 TGCTAGTACATGCACAGCTTGTCCGGTAAACAGAGTTGGTGGTGCATTGCCTGGTAA 458
Db 319 TGCTGATTATGGTAGGATGGTGATGATAATGGTGATGGTGATGGTGATGG 260
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Db 259 TGGTGTAGTAATFCACGGTGATGGTAAATGACGGTGGTGTGTAATGACGATGATGATG 200
Qy 519 TGGAGTAACTACTGTATGT 539
Db 199 TGATGATGGTAATGATAGTAT 179

Search completed: February 17, 2003, 02:02:15
Job time : 216.299 secs

RESULT 15
US-09-864-761-4976/c
; Sequence 4976, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
; SEQ ID NO 4976
; LENGTH: 489
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

; OTHER INFORMATION: MAP TO AL031076.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 5.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 5.5
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 6
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 5.1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 5.2
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 4.1

